

Converting Colors

XYZ(30.8032, 28.5140, 24.8970)

Have a look what the booklet for
XYZ(30.8032, 28.5140, 24.8970)
contains.

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Color

**XYZ(30.7379, 28.4501,
24.9905)**

Conversions

Conversions Part 1

Format	Color
Hex	B08882
RGB	176, 136, 130
RGB Percent	69%, 53%, 51%
CMY	0.3098, 0.4666, 0.4902
CMYK	0.00, 0.23, 0.26, 0.31
HSL	8°, 23%, 60%
HSV	8°, 26%, 69%
XYZ	30.7379, 28.4501, 24.9905
YIQ	147.2760, 25.7660, 6.6140

Conversions

Conversions Part 2

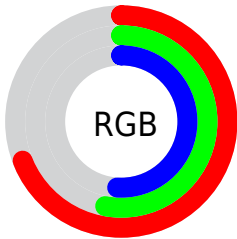
Format	Color
RYB	176, 137, 130
Decimal	11569282
CIELab	60.29, 14.35, 9.09
CIELCh	60, 16.986, 32.343
Yxy	28.4501, 0.3652, 0.3380
Android (android.graphics.Color)	4289759362 (0xFFB08882)
YUV	147.2760, -8.5171, 25.1909
Hunter-Lab	53.3386, 9.5231, 9.5582

Details

The XYZ color **30.7379, 28.4501, 24.9905** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.4168, 36.6289, 46.4886**, and the grayscale version is **27.8747, 29.3263, 31.9364**.

A 20% lighter version of the original color is **60.0236, 56.9699, 52.6325**, and **12.9814, 11.4606, 9.3125** is the 20% darker color. If you saturate the color by 10%, you get **27.6527, 24.0112, 18.6238**, and if you desaturate by 10%, it is **34.3345, 33.5880, 32.5253**.

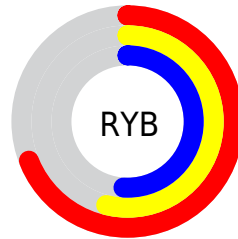
Distribution



Red (69%)

Green (53%)

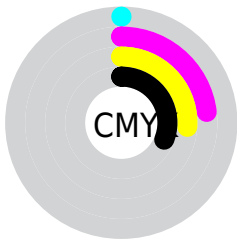
Blue (51%)



Red (69%)

Yellow (54%)

Blue (51%)

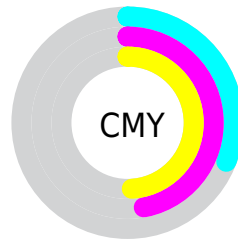


Cyan (0%)

Magenta (23%)

Yellow (26%)

Black (31%)



Cyan (31%)


Magenta (47%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7379, 28.4501, 24.9905 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 30.7379, 28.4501, 24.9905 by changing the saturation by 10% instead.


 30.7379, 28.4501,
24.9905


 30.7379, 28.4501,
24.9905


297.1775,
294.6115, 291.2368


 20.5502, 18.6652,
15.8510


 60.2058, 57.2022,
52.6057

 12.9062, 11.4286,
9.2656


 80.2168, 76.9383,
71.9186

 7.4405, 6.3559,
4.8156


 104.2329,
100.7602, 95.4596

 3.7879, 3.0627,
2.0827

132.6194,
129.0524, 123.6474

 1.5828, 1.1645,
0.6054

165.7418,
162.1992, 156.9005

 0.3812, 0.0325,
0.0000

203.9654,

 0.0000, 0.0000,

200.5851, 195.6374

0.0000

247.6555,
244.5943, 240.2766

■ 30.7379, 28.4501,
24.9905

■ 30.7379, 28.4501,
24.9905

■ 27.6527, 24.0112,
18.6238

■ 34.3345, 33.5880,
32.5253

■ 25.0533, 20.2372,
13.3649

■ 38.4619, 39.4490,
41.2807

■ 22.9154, 17.0972,
9.1508

■ 43.1414, 46.0613,
51.3083

■ 21.2116, 14.5561,
5.9115

■ 48.3924, 53.4501,
62.6561

■ 19.9117, 12.5757,
3.5685

■ 54.2333, 61.6395,
75.3698

■ 18.9812, 11.1130,
2.0308

■ 60.6817, 70.6526,
89.4926

■ 18.3783, 10.1180,
1.1796

■ 67.7546, 80.5115,
105.0660

■ 18.2103, 9.8417,
0.9398

■ 71.7145, 87.9701,
107.8079

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.4475, 28.4501, 30.4893



30.7379, 28.4501, 24.9905



29.0330, 28.4501, 21.5173

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.7379, 28.4501, 24.9905



23.4967, 28.4501, 25.7341



27.2126, 28.4501, 44.5815

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.7379, 28.4501, 24.9905



31.4168, 36.6289, 46.4886

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.1422, 28.4501, 42.8689



30.7379, 28.4501, 24.9905



23.0666, 28.4501, 31.4705

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.7379, 28.4501, 24.9905



24.8606, 28.4501, 21.9044



23.6530, 28.4501, 37.8512



29.3452, 28.4501, 42.2625

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.7379, 28.4501, 24.9905



27.6031, 28.4501, 20.5410



23.6530, 28.4501, 37.8512



26.4865, 28.4501, 44.4580

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.7387, 28.4514, 24.9911



68.1776, 69.3092, 71.5047



33.2031, 28.1220, 42.0234



14.5278, 14.6696, 14.9703



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.7387, 28.4514, 24.9911



52.6113, 47.0937, 38.8253



34.2235, 35.4211, 26.1527



8.5828, 8.6782, 8.8752



13.3865, 7.2715, 0.6980



0.4495, 0.2853, 0.0314

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.4168, 36.6289, 46.4886



54.0330, 64.2897, 84.0566



27.5752, 28.9457, 45.2081



8.6462, 9.4386, 10.8725



14.1417, 19.0839, 33.0752



0.4711, 0.6528, 1.0494

Previews

White Background



This preview shows how the XYZ color 30.7379, 28.4501, 24.9905 looks on a white background.

Color Contrast Check

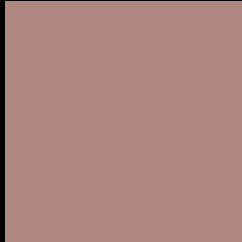
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.7379, 28.4501, 24.9905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

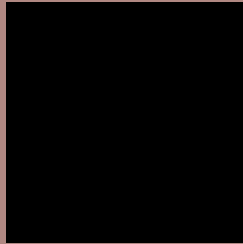
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7379, 28.4501, 24.9905

Background



This preview shows how black text looks on a background with the XYZ color 30.7379, 28.4501, 24.9905.



This preview shows how white text looks on a background with the XYZ color 30.7379, 28.4501,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.7379, 28.4501, 24.9905

Protanopia

27.2611, 28.5794, 27.0012

Deuteranopia

29.0664, 28.4481, 24.7280



Tritanopia

31.9192, 28.5288, 30.2098

Trichromacy



Original Color

30.7379, 28.4501, 24.9905

Protanomaly

28.4038, 28.5130, 26.1968

Deuteranomaly

29.7726, 28.5963, 24.7193

Tritanomaly

31.4556, 28.5391, 28.2768

Monochromacy



Original Color

30.7379, 28.4501, 24.9905

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.7307, 28.8371, 29.2511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7379, 28.4501, 24.9905 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(176, 136, 130)` looks like.

```
.text, #text, p{  
    color:rgb(176, 136, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(176, 136, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 136, 130) }
```

Border

The CSS property to change the border of an element to XYZ 30.7379, 28.4501, 24.9905 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 136, 130) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(176, 136, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(176, 136, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 136, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 136, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 136,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7379, 28.4501, 24.9905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 136, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(176,  
136, 130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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